



# P25 JOC Meeting

August 3rd, 2023



# Nevada Shared Radio System Project Update

Agenda Item #4



# NSRS Radio System Update

- Microwave Installations, requiring outages, started June 28th, 2023 and completed August 1st, 2023.
- During the month of August, Line and Antenna for the P25 System work will continue, as well as P25 rack installations.
- Mobile Radio Installations on-going

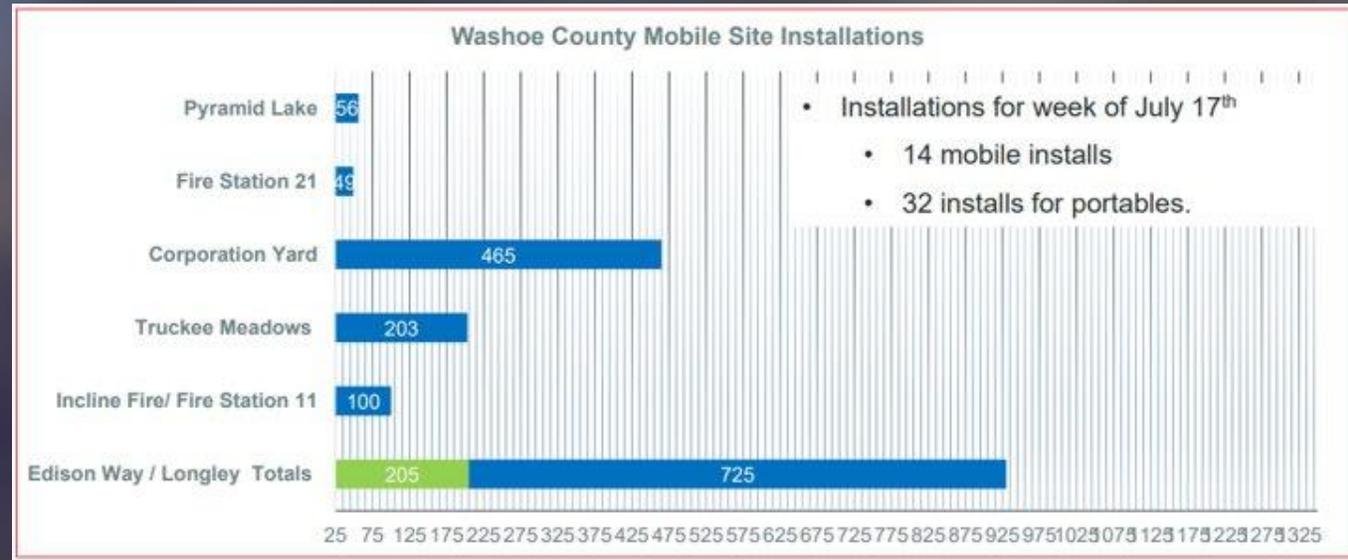




# NSRS Radio System Update

## • Mobile Installations

- 8/7-8/11 - Air Guard, WCSO Programming and NDOT
- 8/14-8/25 – Longley: Install/Program WC CSD, WC DA
- 8/28-9/15 – Longley: Install/Program WC CSD, WC DA (Dependent on where we are in process on those Depts.)
- 9/18-10/6 – Gerlach: WCSO, WC Fire, WC CSD
- 10/9-10/13 – PLIC: DEM, PD Programming
- 10/16-11/17 – City of Reno: (Rob Allen)
- 11/20-12/01 – Reno: (Rob Allen) (If Req'd)







## Peavine to Sparks PD Microwave

- 24 Hour Outage
  - 7705 Router Configurations troubleshooting
  - Microwave shot configurations troubleshooting
  - Delayed Dish installed due to High winds (20-30 Mph gusts)



# Virginia to Marble Bluff

**Marble Bluff Installation took 12 hours to complete. GPS Timing was degraded enough that the link couldn't be re-established for Radio Traffic. New GPS Antenna Installed on site to resolve the timing issue.**





# Cold Springs Construction Status

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## Marble Bluff Construction Status

- Communications on Wheels Installed
- Old Tower Removed
- New Tower Installed
- Building Installed
- Driveway Expanded
- Conduits being installed for Fiber
- Waiting on Power from NVE to new building.



# P25 Site Construction Updates

- P25 Line/Antenna and Rack installations
  - Virginia Peak- July 2023
  - Fox- July 2023
  - Peavine- July 2023
  - Marble – August 2023
- Site Build: Cold Springs
  - Tower Stacked October 14th, 2022
  - Shelter installed October 20th, 2022
  - NVE Power delivered August 2023
  - Need to schedule final punchlist





# WCRCs Lease Agreement for Ash Fields

Agenda Item #5



# WCRCs Lease Agreement for Ash Field

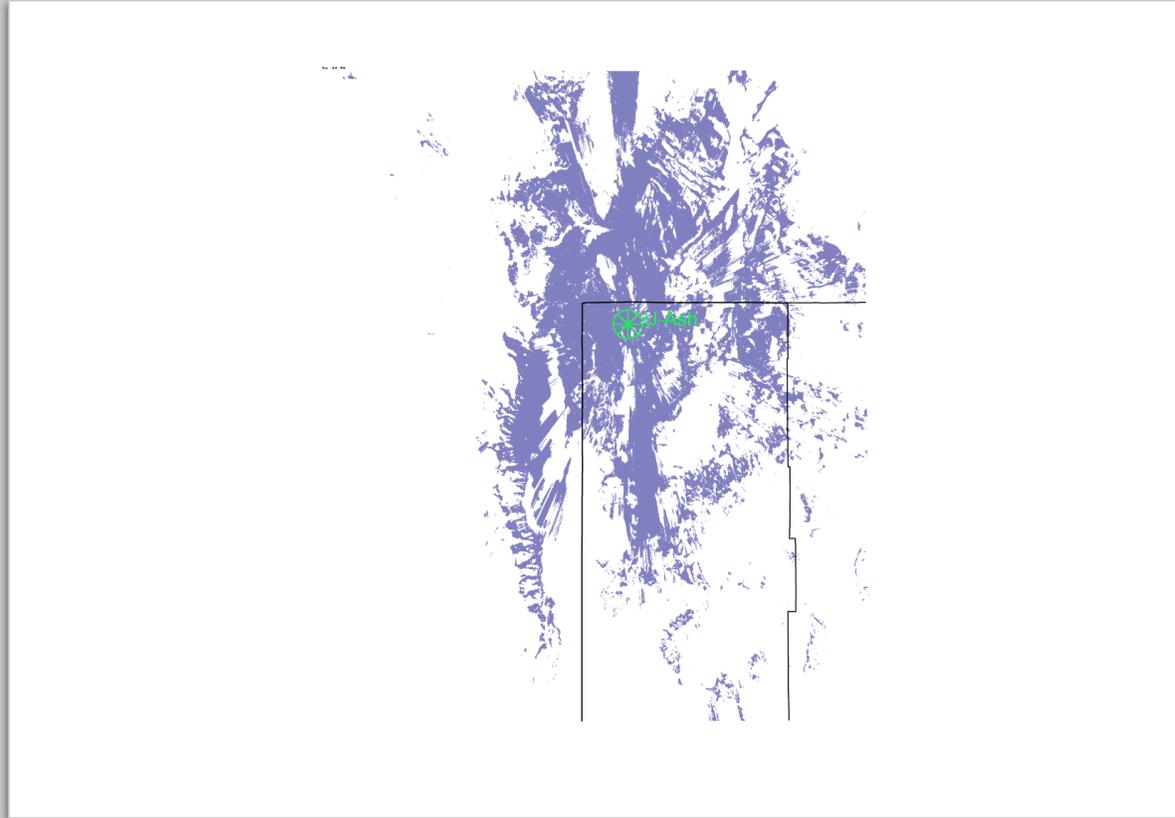
- Lease agreement with Coleman Valley Ranch LLC.
- Washoe County Parcel 061-171-27
- One-half of one acre within Washoe County Parcel 061-171-27, centered at  $41^{\circ} 56.522'N$   $119^{\circ} 50.890'W$
- Two semi-annual lease fees in the amount of Fifteen Thousand (\$15,000), with the lease fee increasing every five years by 10%, with such increase effective on January 1, 2027, and every subsequent five years of this Agreement.
- Language Added for use of Helicopter and Snow Cat as needed





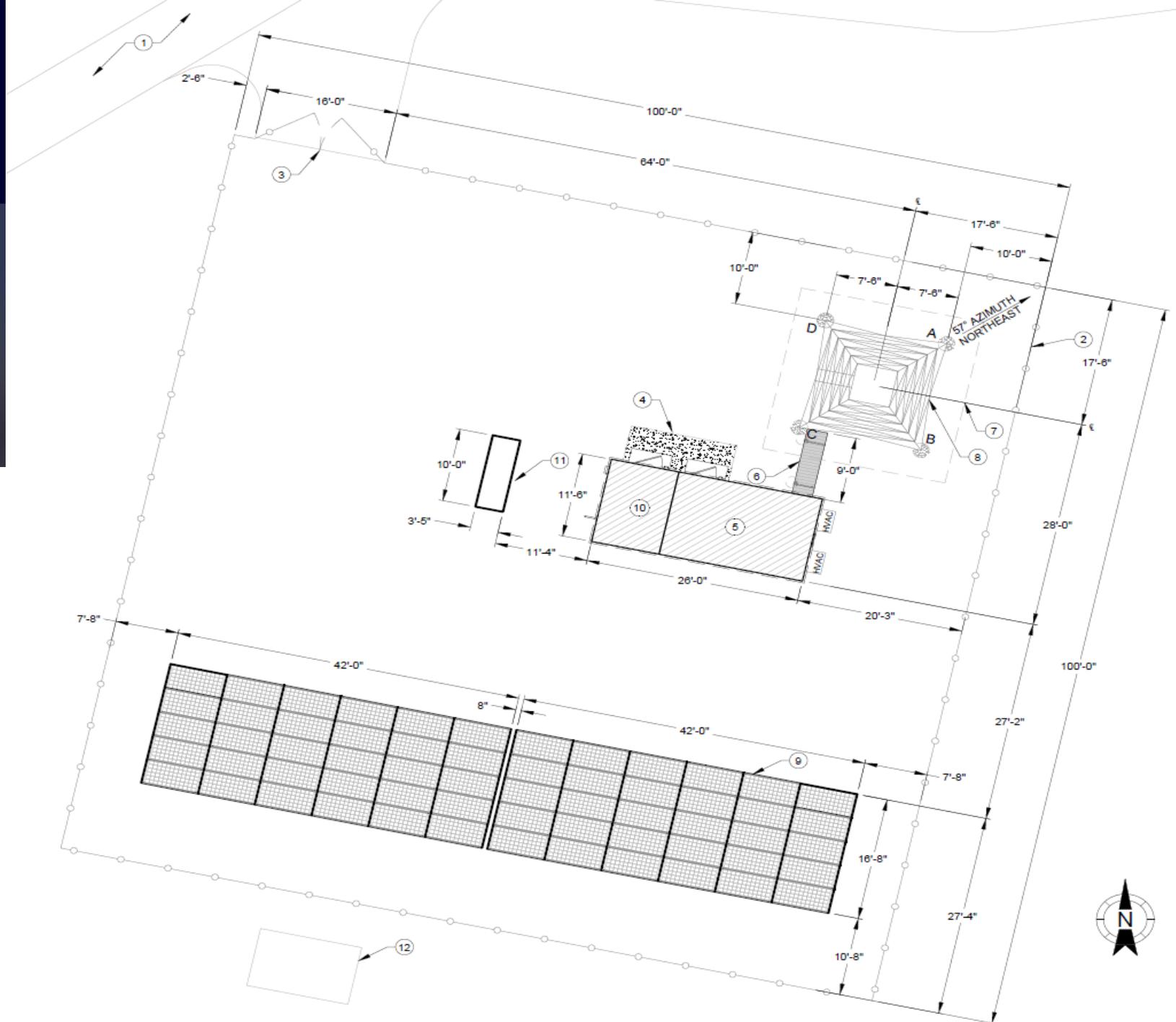
# Ash Fields RF Coverage Plot

- Portable coverage –Blue
- Mobile coverage -Orange





# Ash Fields Site plot



## SITE PLAN KEY NOTES: #

1. EXISTING DIRT ROAD
2. PROPOSED 8' TALL CHAIN LINK FENCE
3. PROPOSED (2) 8' SWING ACCESS GATES
4. PROPOSED 5'x13' CONCRETE STOOP
5. PROPOSED 11'-8"x26'-0" EQUIPMENT SHELTER WITH GENERATOR ROOM
6. PROPOSED 9' LONG ICE BRIDGE
7. PROPOSED 20'-6"x20'-6" TOWER FOOTING BELOW
8. PROPOSED 130'-0" TALL 4-LEGGED SELF-SUPPORT TOWER
9. PROPOSED SOLAR ARRAYS
10. PROPOSED 50kW DIESEL GENERATOR
11. PROPOSED EXTERNAL 500 GAL FUEL TANK
12. EXISTING COW SITE TO BE REMOVED AFTER PROPOSED SITE CONSTRUCTED AND IN COMMISSION

## NOTE:

1. GRADING CONTOUR LINES WERE REMOVED FOR CLARITY



# CMAR Construction Manager At Risk

Item# 6



# CMAR

- CMAR Bids conducted with CSD
  - Ash Fields
  - Biltmore
  - Seven Lakes Mountain
  - Smokey Quartz
- Two Vendors bid on the project:
  - International Towers LLC (ITL)
  - [RX3 Communications](#)



# Questions?

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